T.	Hits	Search Text	DB	Time stamp
Number	1270	382/162-167.ccls.	USPAT	2002/10/31
2	641	382/162-167.ccls. and normal\$6	USPAT	2002/10/31
3	50	(382/162-167.ccls. and normal\$6) and integral	USPAT	2002/10/31 18:05

	U	1	Do	cument ID	Issue Date	Pages	Title	Current OR
1	Ø		US B1	6449060	20020910	53	Image processing apparatus and method	358/1.9
2	☒		US B1	6415065	20020702	33	Image processing apparatus and method therefor	382/300
3	⊠		US B2	6393145	20020521	47	Methods apparatus and data structures for enhancing the resolution of images to be rendered on patterned display devices	382/162
4	×.		US B1	6369916	20020409	17	Dot area judging apparatus	358/462
5	×		US B1	6314136	20011106	16	Method for performing wavelet-based image compaction losslessly and low bit precision requirements	375/240
6	×		US B1	6310969	20011030	14	Color coordinate space structure and color quantizing and variable gray area designating method therein	382/162
7	⊠		US B1	6304671	20011016	47	Image processing apparatus using an offset correction table enabling interpolation to be performed without conditional jumps	382/167
8	×		US B1	6292574	20010918	22	Computer program product for redeye detection	382/117
9			US B1	6275607	20010814	43	Color conversion table construction conversion method and computer-readable recording medium having color conversion table construction conversion program recorded thereon	382/167
10	⊠		US B1	6263101	20010717	16	Filtering in picture colorization	382/162
11	⊠		US B1	6252976	20010626	30	Computer program product for redeye detection	382/117

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1	358/530; 382/162		Kawai, Takashi et al.							
2	358/518; 358/520; 358/525; 382/167; 382/251; 382/274		Miyake, Nobutaka			0				
3	382/167		Betrisey, Claude et al.							
4	382/162		Hirooka, Yoshiaki							
5	382/162; 382/166; 382/221; 382/236; 382/272		Kilgariff, Emmett							
6	345/604		Kim, Hyeon Jun et al.							
7	358/523		Kakutani, Toshiaki							
8	382/103; 382/167; 382/173; 382/274		Schildkraut, Jay S. et al.] [3 C	ם ונ
9	358/523		Shimizu, Masayoshi et al.]	
10	358/518; 382/218; 382/260		Klein, Louis] [3 0	ם כ	ם כ	
11	382/118; 382/167; 382/199; 382/209		Schildkraut, Jay S. et al.		ם כ] [] [ם כ	ם כ	

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		8		US 6292574		
		9		US 6275607		
		10		US 6263101]
		11		US 6252976]

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12			US B1	6233069	20010515	10	image sharpening digital image processing	358/519
13	×		US B1	6226399	20010501	6	Method and system for identifying an image feature and method and system for determining an optimal color space for use therein	382/162
14			US B1	6212824	20010410	36	Methods for classifying plants for evaluation and breeding programs by use of remote sensing and image analysis technology	47/58.1R
15			US B1	6204940	20010320	13	Digital processing of scanned negative films	358/527
16			US A	6163617	20001219	8	Backprojection with a multi-color rendering engine	382/132
17		3 [5 6141441	20001031	44	Decoding data from patterned color modulated image regions in a color image	382/166
18	US 6134347 A		20001017	23	Image filming and compression system, image filming and compression method, and recording medium storing processing program therefor	382/166		

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
12	358/506; 358/527; 382/162		Buhr, John D. et al.							
13	382/165; 382/190		Robinson, David A							
14	209/576; 209/577; 209/578; 209/580; 209/581; 382/100; 382/108; 382/110; 382/128; 382/165; 382/165; 382/181; 382/312; 382/313; 435/412; 435/413; 435/418; 47/1.01R; 47/DIG.1; 800/260; 800/265		Orr, Peter M. et al.							
15	358/506; 358/518; 358/523; 382/167		Lin, Qian et al.] [
16	382/162; 382/279; 382/284		Heuscher, Dominic J. et al.] [ם כ	ם כ	
17	235/494; 382/232		Cass, Todd A. et al.			ן נ) [ם כ		
18	348/273; 348/395.1 382/162; 382/248; 386/109	;	Niwamoto, Hiroaki			<u></u>	ם כ			

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	15		US 6204940			
	16		US 6163617			
	17		US 6141441]
	18		US 6134347]

	ט	1	Do	cument ID	Issue Date	Pages		Current OR
19		1 1 3	US A	6111973		8	fleshtone color selections for prosthetic fabrication	382/100
20	Ø		US A	6084604	20000704	63	Color ink jet recording method and apparatus using black ink and color-mixed black ink	347/15
21			US A	6075889	20000613	15	Computing color specification (luminance and chrominance) values for images	382/167
22			US A	5974159	19991026	25	Method and apparatus for assessing the visibility of differences between two image sequences	382/106
23			US A	5960109	19990928		Single pass marker enclosed area detection system and method for a photocopier	382/164
24			US A	5 5917994	19990629		Color digital halftoning using black and secondary color replacement	358/1.9
25			J US	5 5912994	19990615		Methods for defining mask of substantially color-homogeneous regions of digitized picture stock	382/283
26			J D:	S 5835627	19981110		System and method for automatically optimizing image quality and processing time	382/167
27		 [J ^U A	S 5828780	19981027		Image processing apparatus with improved color correction	382/167
28) [J A	s 5821993	19981013		Method and system for automatically calibrating a color camera in a machine vision system	348/187
29	×	3 1	J	s 5812119	19980922	2	Image processing system and method for formatting compressed image data	345/555

	Current XRef	Retrieval Classif	Inventor	S	С	P	2	3	4	5	; -
	356/402; 382/115; 382/165		Holt, Kenneth Dale et al.						ם כ	ם כ	
20	347/43; 382/167		Moriyama, Jiro et al.				ן ו	3 C] - -		
21	382/274		Hamilton, Jr., John F. et al.				ם כ				
22	382/154; 382/162; 382/255; 382/274; 382/279; 382/302		Lubin, Jeffrey et al.] [] [
23	382/258		Shiau, Jeng-Nan		ם כ	ן כ					
24	358/502; 358/518; 358/523; 358/534; 382/167		Perumal, Jr., Alexander et al.		J I						
25	382/162		Norton, Jack et al.								
26			Higgins, Eric W. et al.	***************************************							ן נ
27	358/518		Suzuki, Hiroaki d	et] [] [
28	348/188; 382/167		Robinson, David	Α.) C		<u>ן</u> כ
29	382/166		Tateyama, Seiji						ם כ		<u>ا</u> د

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1	9	US	5	6111973			
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30	×		US A	5773818	19980630		Digital scanning system having drop-out capabilities and a color drop-out filter therefor	250/226
31	\boxtimes		US A	5761070	19980602		Automatic color and grain sorting of materials	700/223
32			US A	5710827	19980120		Halftone dither cell with integrated preferred color matching	382/167
33			US A	5699451	19971216		Correction of color defects during printing of photographs	382/167
34			US A	5694484	19971202		System and method for automatically processing image data to provide images of optimal perceptual quality	382/167
35	×		US A	5615282	19970325		Apparatus and techniques for processing of data such as color images	382/167
36			US A	5555324	19960910		Method and apparatus for generating a synthetic image by the fusion of signals representative of different views of the same scene	382/254
37			US A	5 5504821	19960402		Color converting apparatus for performing a three-dimensional color conversion of a colored picture in a color space with a small capacity of memory	382/167
38			J R	S 5402361	19950328	Apparatus for method for logging, storing, and redirection of process related non-densitometric data generated by color processing equipment for use by an off site host computer		382/167

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
30	250/208.1; 358/515; 382/163; 399/178		Herloski, Robert P.							
31	345/426; 345/611; 358/518; 358/523; 382/165; 382/170		Conners, Richard W. et al.							
32	358/534; 358/535; 382/168; 382/169		Perumal, Jr., Alexander et al.							
33	358/518		Birgmeir, Klaus et al.				0			
34			Cottrell, F. Richard et al.							
35	358/450; 358/518; 358/523; 382/276		Spiegel, Ehud et al.							
36	382/162; 382/263; 382/274		Waxman, Allen M. et al.							
37	348/650; 348/708; 358/518; 382/274		Kanamori, Katsuhiro et al.							
38	399/10		Peterson, Steven H. et al.						·	

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9	⊠		US A	5384648	19950124		Apparatus and method for descreening	358/534
0	×		US A	5 5335293	19940802		Product inspection method and apparatus	382/110
1			US A	5 5310962	19940510		Acoustic control apparatus for controlling music information in response to a video signal	84/600
12	×		U A	s 5301244	19940405		Computer input scanner incorporating multiple scanning modes	382/319
43			J U	S 5295204	19940315		Method for color balancing a computer input scanner incorporating multiple scanning modes	382/167
44		1 [□ U	rs 5157506	19921020		Standardized color calibration of electronic imagery	382/167
45	×	3 1		JS 5148288 A	19920915		Standardized color calibration of electronic imagery	382/167
46		3		JS 5129015 A	19920707	7	Apparatus and method for compressing still images without multiplication	382/167
47		⊠		US 5119186 A	19920602	2	Color mapping system and method	358/524
48		×	F 1 :	US 4908874 A	1990031	3	System for spatially transforming images	382/277
49		Ø		US 4731663 A	3 1988031	5	Method and apparatus for color identification	382/165

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
39	358/525; 358/528; 358/536; 382/162; 382/260; 382/299		Seidner, Daniel et al.							
40	209/581; 356/408; 382/141; 382/165		Vannelli, Anthony et al.							
41	348/484; 382/162		Kimpara, Mamoru et al.							
42	358/453; 358/512; 358/538; 382/162		Parulski, Kenneth A.							
43	348/223.1; 358/479; 358/518; 358/527; 382/319		Parulski, Kenneth A.							
44	356/404; 356/419; 356/422; 356/425; 358/518; 358/527		Hannah, Eric C.							
45	356/404; 356/419; 356/422; 356/425; 358/518; 702/85		Hannah, Eric C.							
46	358/500; 382/248		Allen, James D. et al.							
47	345/600; 345/601; 358/445; 382/162		Deacon, John J. et al.							
48	348/580; 348/629; 382/162; 382/296; 708/308; 708/313		Gabriel, Steven A.							
49			Kovalchick, Joseph S. et al.							

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U 1 Do	ocument ID	Date	Pages	Method and apparatus	
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	Current	Retrieval Classif	Inventor	s	С	P	2	3	4	5
50	355/88; 356/404; 356/425		Thurm, Siegfried et al.							

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Number	0	color adj conversion and interpolattion	USPAT	2002/10/31
2	2097	color adj conversion	USPAT	2002/10/31
3	544	(color adj conversion) and interpolation	USPAT	2002/10/31 19:07
4	105	((color adj conversion) and interpolation) and grid	USPAT	2002/10/31 19:08
5	26		USPAT	2002/10/31 19:08
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	U	1	Doc	ument ID	Issue Date	Pages	Title	Current OR
	Ø		US 6 B1	6459425	20021001	91	System for automatic color calibration	345/207
	Ø		US B1	6421140	20020716	16	Color space conversion with simplified interpolation	358/1.9
}	×		US B1	6331902	20011218	13	System and method for digital color image processing	358/1.9
	×		US B1	6297826	20011002	63	Method of converting color data	345/589
5	×		US B1	6295137	20010925	9	Method of color correction using multi-level halftoning	358/1.9
5			US B1	6222648	20010424	7	On line compensation for slow drift of color fidelity in document output terminals (DOT)	358/504
7			US B1	6178007	20010123	8	Method for continuous incremental color calibration for color document output terminals	358/1.9
8			US A	6157735	20001205	69	System for distributing controlling color reproduction at multiple sites	382/167
9			US I A	6151135	20001121	23	Method and apparatus for color reproduction	358/1.9
10			US	6075886	20000613	13	Method and apparatus for reducing the complexity of color correction using subsampling	382/164
11			J US	6075614	20000613	59	System for generating proof	358/1.1
12		3 [US A	6072588	20000606	45	Method of generating proof data and method of generating proof	358/1.9
13	×] [J US	6072499	20000606	7	Disc controller with color look-up table	345/589
14	 	3 0	□ US A	6072464	20000606	68	Color reproduction method	345/603

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
	345/204; 345/593; 348/243; 348/253		Holub, Richard A. et al.							٥
	358/523; 358/525; 382/300		Hui, Jonathan Y.						0	
3	358/525; 358/528		Lin, Bob Chih-Ming							
			Semba, Satoshi et al.							
5	358/518; 358/523; 358/534		Balasubramanian, Thyagarajan							
6	358/501		Wolf, Barry M. et al.) [
7	358/518		Harrington, Steven							
8	358/1.9; 382/162		Holub, Richard A.				ן נ]] 	
9	358/518; 358/523		Tanaka, Kenji et al.] [] [ם כ] [
10	358/523		de Queiroz, Ricardo L.			ם כ	ן כ			
11	347/19; 358/1.9; 358/518; 358/527; 382/162; 382/167		Ohtsuka, Shuichi et al.] [] [
12	382/162		Dohnomae, Yoshifumi		ם כ	ו ב	ַ			
13	345/536		Brett, Stephen]	ם כ	ם כ				
14			Ozeki, Toru		_ c	ן כ				

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	ט	1	D	ocument ID	Issue Date	Pages	Title	Current OR
5	⊠		US A			50	using color compensation	347/118
6	×		U	s 6043909	20000328	70	System for distributing and controlling color reproduction at multiple sites	358/504
.7	⊠		J U	JS 6026216	20000215	60	System for generating proof	358/1.9
.8			ם דורים	JS 5875044 A	19990223	69	Image forming apparatus and method	358/518
 19			-1 (US 5734802 A	19980331	9	Blended look-up table for printing images with both pictorial and graphical elements	358/1.9
20		3	11:	US 5692210 A	19971125	87	Image processing apparatus having parallel processors for communicating and performing positional control over plural areas of image data in accordance with designated position instruction	345/502
21		3		US 5592591 A	1997010	7 14	Reduced storage of pre-computed differenc tables used in color space conversion	e 358/1.5
22		X		US 5539540 A	1996072	3 31	Method and associated apparatus for transforming input color values in an input color space to output color values ir an output color space	358/518
23		⊠		US 5502579 A	1996032	6	Color image processing method and apparatus capable of adjusting the UCR ratio	358/518

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
5	347/131; 347/143; 347/144; 399/181; 430/31		Haneda, Satoshi et al.							
6	358/518		Holub, Richard A.							
.7	358/518; 358/519; 358/521; 358/527		Ohtsuka, Shuichi et al.							
L8	358/445; 358/448; 382/162; 382/299		Seto, Kaoru et al.							
19	358/1.15; 358/1.2; 358/462; 358/515; 358/518; 358/520		Maltz, Martin S. et al.							
20	345/421; 345/505; 712/13; 712/17		Mita, Yoshinobu e							
21	358/518		Rolleston, Robert J.) C	ן כ				
22	358/501; 358/520; 382/167		Spaulding, Kevin E. et al.	***************************************						
23	358/520; 358/529		Kita, Shinji et al.							

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	υ	1	Document ID	Issue Date	Pages		Current OR
24	⊠		US 5321797 A	19940614		Apparatus and method for performing coordinate transformation employing stored values and interpolation	345/604
25	Ø		US 5299300 A	19940329	26	Interpolation processing of digital map imagery data	345/428
26	×		US 5293481 A	19940308		Data parallel processing apparatus	345/505

	Current XRef	Retrieval Classif	Inventor	s	С	Р	2	3	4	5
24			Morton, Roger R. A.							
25	340/995; 345/531; 345/557; 345/611		Femal, Michael J. et al.							
26	345/544; 345/545; 345/564		Mita, Yoshinobu et al.							

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1	6144	data adj conversion		19:51
-		tank and	USPAT	2002/10/31
2	73	(data adj conversion) and		19:52
-	}	multi-dimensional	USPAT	2002/10/31
3	19	((data adj conversion) and		19:52
13		multi-dimensional) and look-up adj table		

	U	1	Docume	ent ID	Issue Date	Pages		Current OR
1		-	US 645 B1	7006	20020924	24	organizing data	707/7
2	Ø			24969	20020723	20	organizing data	707/3
3	Ø		US 634 B1	19146	20020219	19	and method	382/162
4	Ø		US 629 B1	97826	20011002	63	color data	345/589
5	Ø		US 61	60634	20001212	28	method	358/1.9
6	⊠		US 61:	28346	20001003	15	Method and apparatus for quantizing a signal in a digital system	375/254
7	l ⊠		US 60 A	87578	20000711	169	Method and apparatus for generating and controlling automatic pitch bending effects	84/626
8			US 60 A	81343	20000627	24	Digital printer and image data conversion method therefor	358/1.9
9	×		US 60	78687	20000620	7	Quantization for a digital printer using modulated image data	382/169
10			US 59	20361	19990706	33	Methods and apparatus for image projection	348/750
11			US 58	370077	19990209	17	Method for tristimulus color data non-linear storage, retrieval, and interpolation	345/600
12		E	US 5	715376	19980203	137	Data transformation apparatus	358/1.9
13			US 5	715021	19980203	38	Methods and apparatus for image projection	348/750
14		3 C	US 5	614961	19970325	34	Methods and apparatus for image projection	348/750
15		3 [US 5	524253	19960604	25	System for integrating processing by application programs in homogeneous and heterogeneous network environments	709/202

	Current XRef	Retrieval Classif	Inventor	s	С	Р	2	3	4	5
1	707/100; 707/101		Gruenwald, Bjorn J.	\boxtimes						
2	707/100; 707/201		Gruenwald, Bjorn J.							
3	382/165		Roetling, Paul G.							
4			Semba, Satoshi et al.							
5	358/520		Terashita, Takaaki							
6	341/143; 341/77; 375/243		Suarez, Jose' I. et al.							
7	84/662		Kay, Stephen R.					J		
8	358/521; 358/523		Terashita, Takaaki							
9			Venkateswar, Vadlamannati				С			
10	348/756; 353/31; 359/216; 359/217		Gibeau, Frank C. et al.					3 C		
11	345/605; 382/162		Dillinger, Paul H. et al.] [
12	358/523; 358/525		Nakayama, Tadayoshi] [ם כ	
13	348/203; 348/205; 348/756; 353/31; 359/216; 359/217		Gibeau, Frank C. et al.] [ם כ	
14	348/203; 348/756; 353/31		Gibeau, Frank C. et al.] [3 [וב	ם כ	
15	703/27; 703/28		Pham, Thong et al	•] [] [] -

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16			US 5272468 A	19931221	7	Image processing for computer color conversion	345/604
17			US 5222077 A	19930622	35	Radix mapping with variable number of symbols in mapping period	375/261
18	\boxtimes	: 1	US 5185763 A	19930209	37	Data bit to constellation symbol mapper	375/262
19			US 5119403 A	19920602	38	Superframes	375/261

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
 16	AREI		Read, Christopher J.							
17	714/759; 714/786		Krishnan, Vedvalli G.		0	0				
18	714/786		Krishnan, Vedavalli G.							
19	370/207; 370/465; 370/476; 370/522		Krishnan, Vedavalli G.							ן נ

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16	US 5272468		
17	us 5222077		
18	US 5185763		
19	US 5119403		}